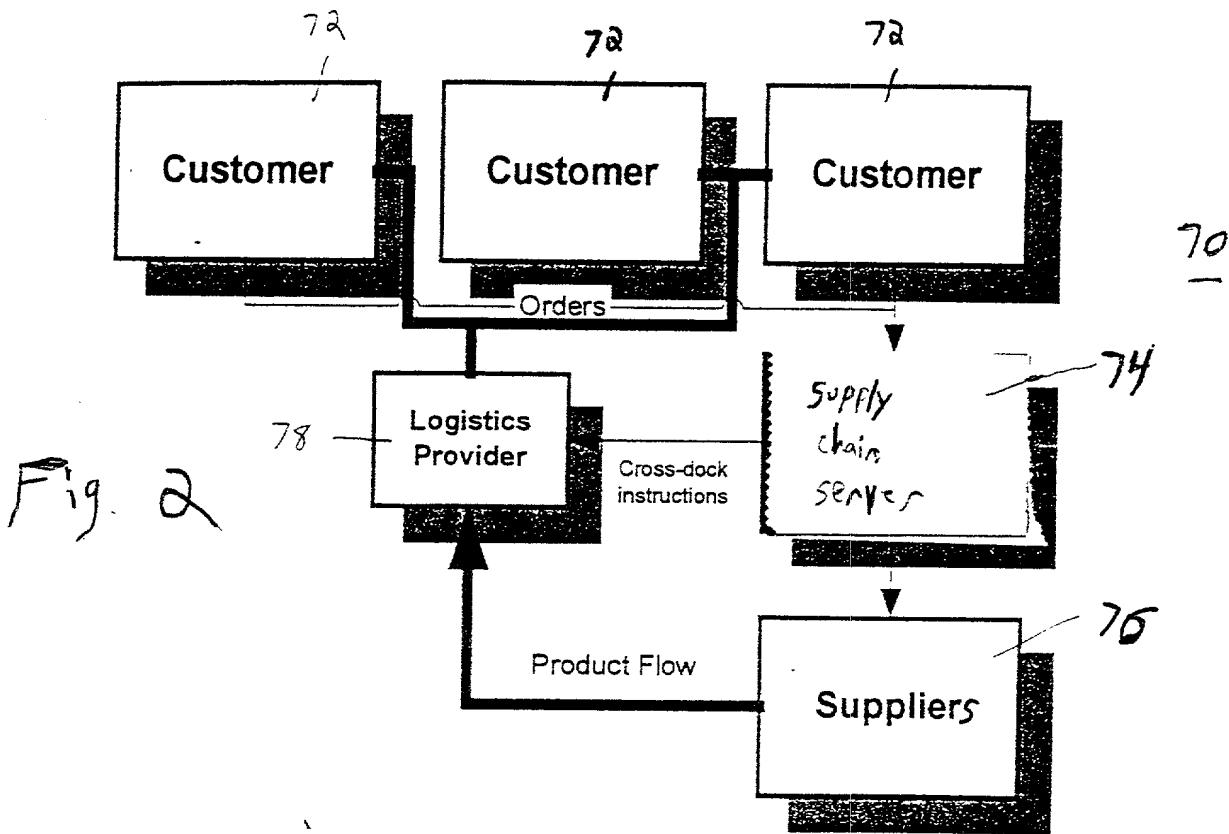


Fig. 1

Prior Art



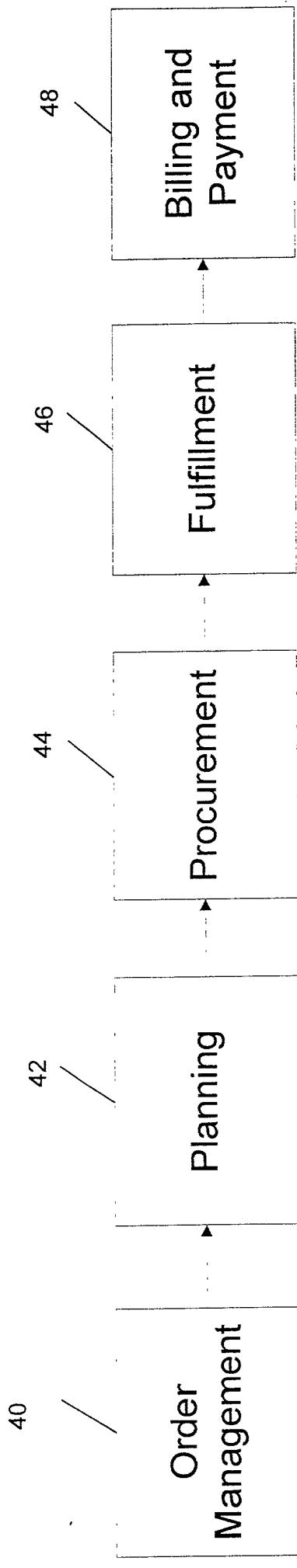


Fig. 3

# Order Management:

## Process Flow

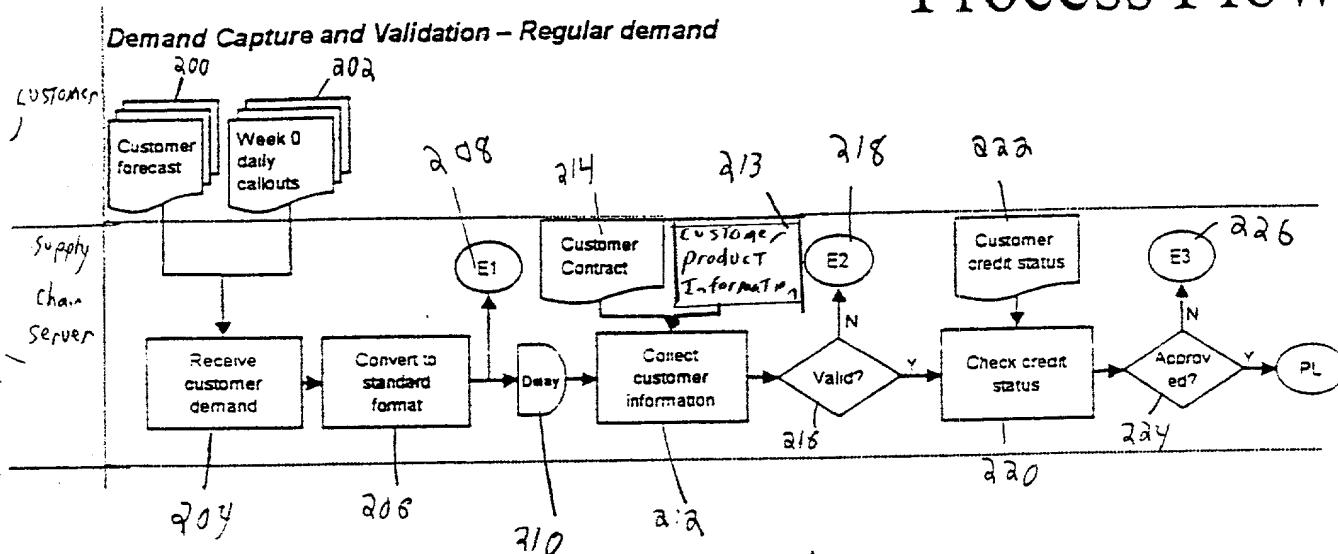


Fig. 4

# Order Management:

## Process Flow

72

Demand Capture and Validation - Ad hoc demand

CUSTOMER

Supply  
Chain  
Service/  
74

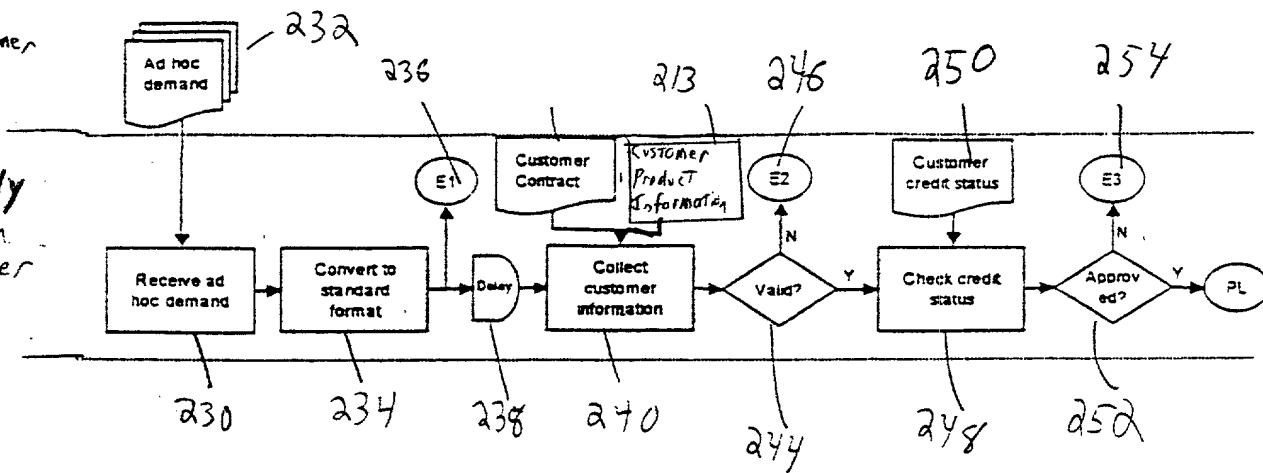


Fig. 5

73 74 75 76 77 78 79 7A 7B 7C 7D 7E 7F 7G 7H 7I 7J 7K 7L 7M 7N 7O 7P 7Q 7R 7S 7T 7U 7V 7W 7X 7Y 7Z

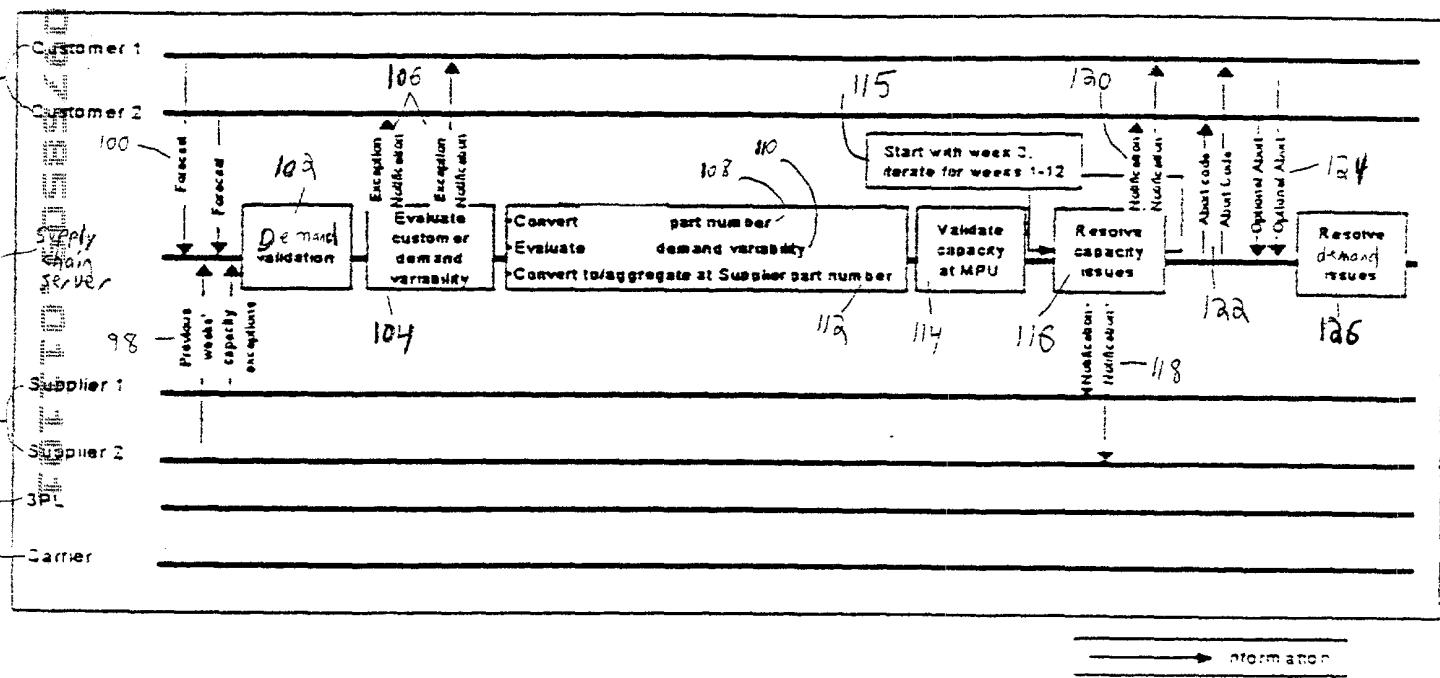


Fig. 6

## Planning: Process Flow

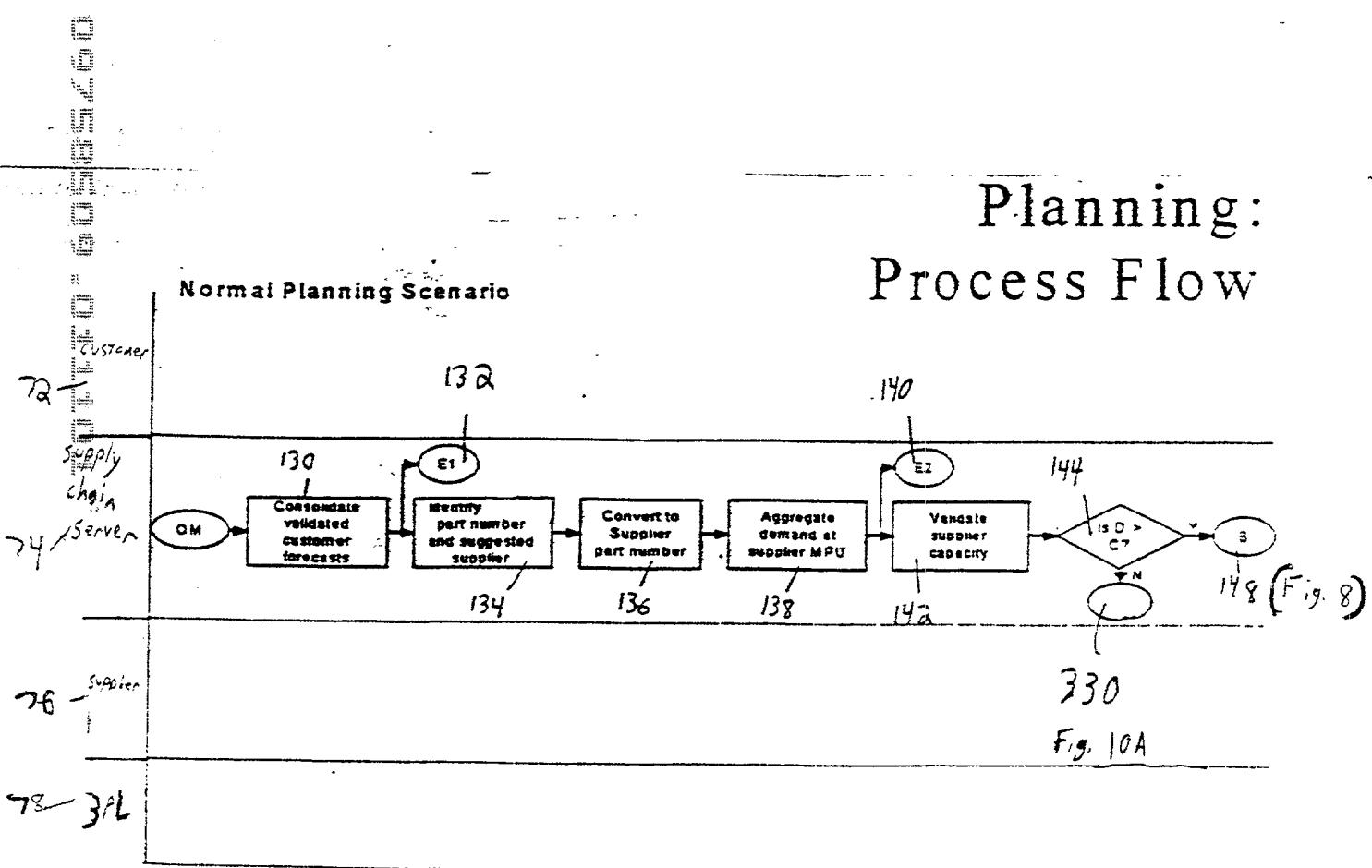
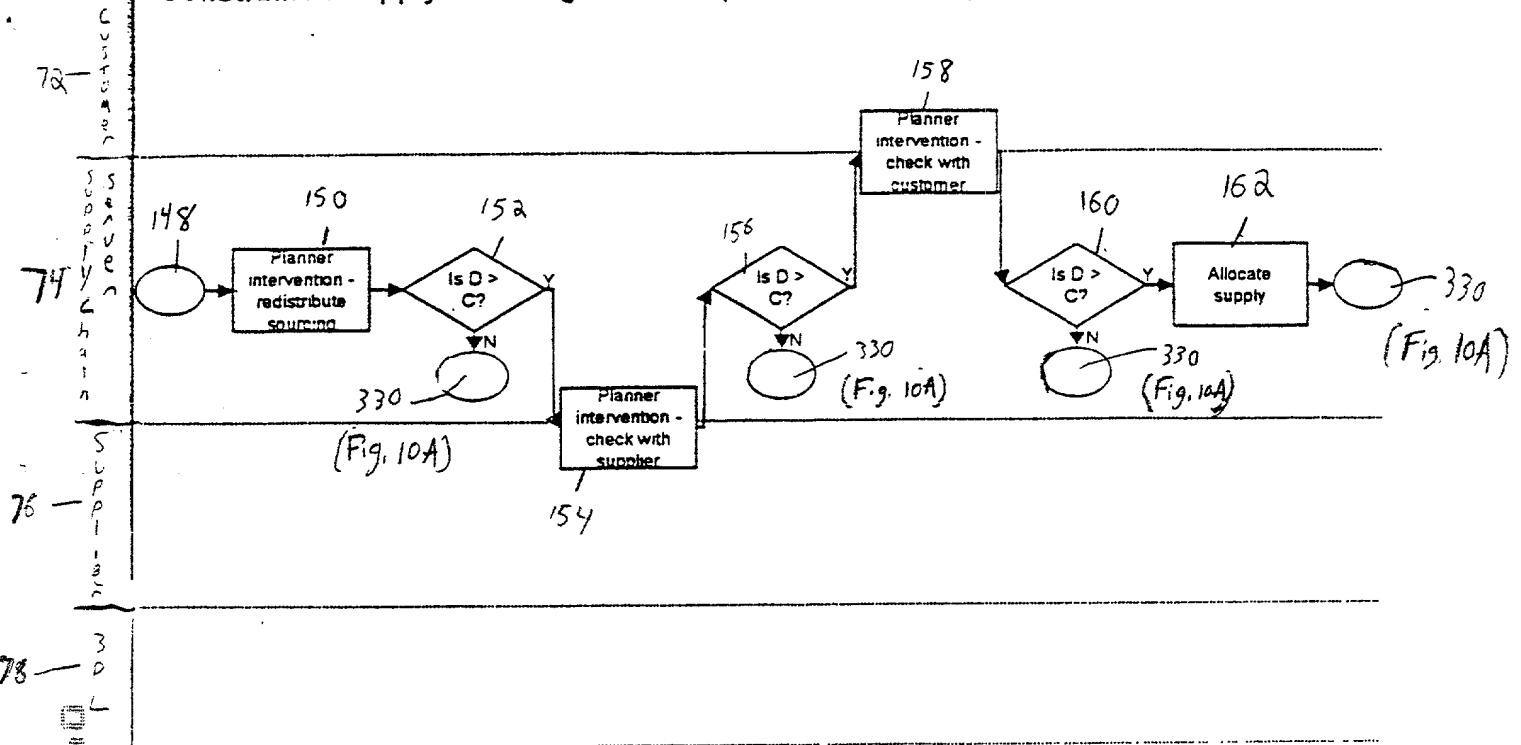


Fig. 7

# Planning: Process Flow

## Constrained Supply Planning Scenario (Iterative Process)



# Planning: Process Flow -

## Ad Hoc Order Planning Scenario

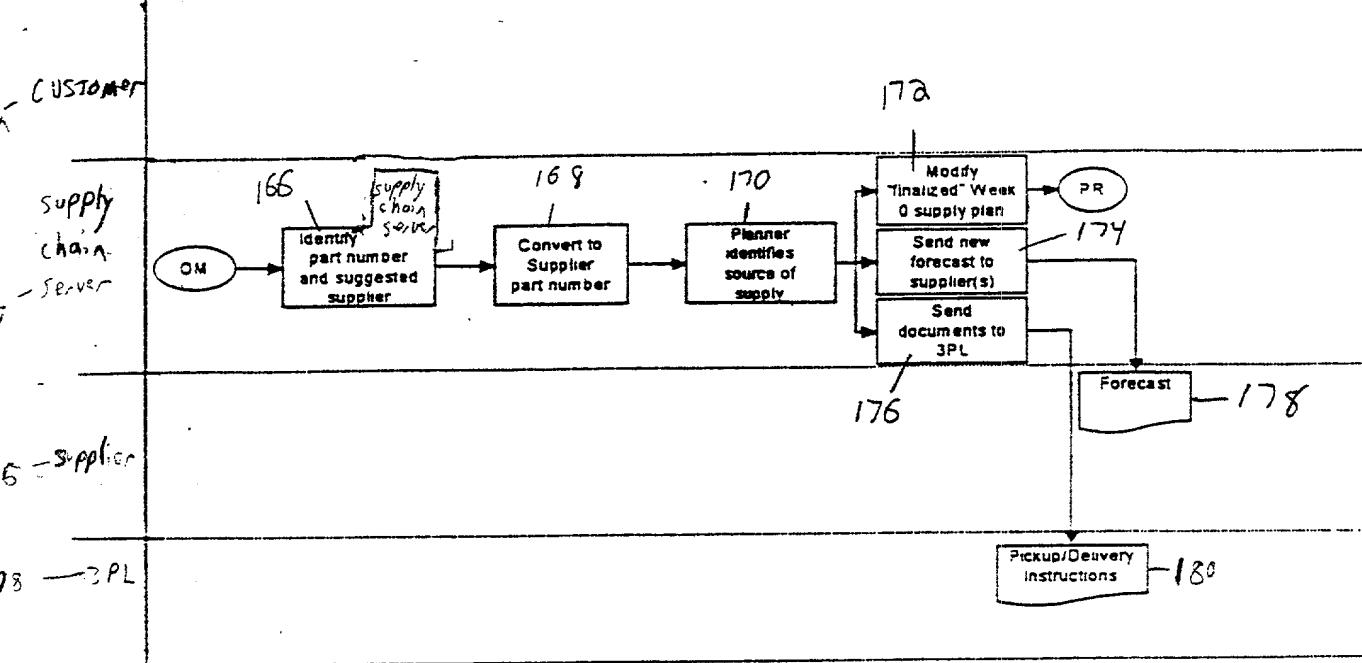


Fig. 9

## Procurement: Process Flow

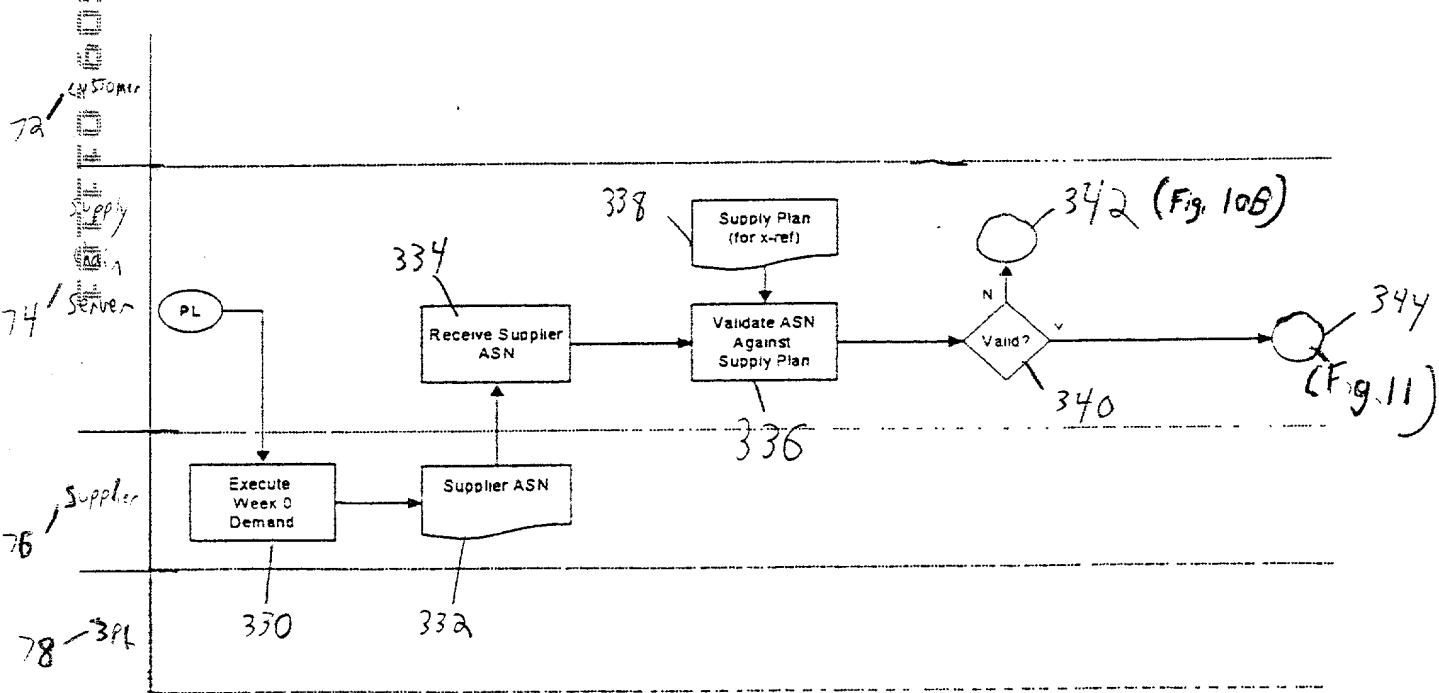


Fig. 10A

# Procurement: Process Flow

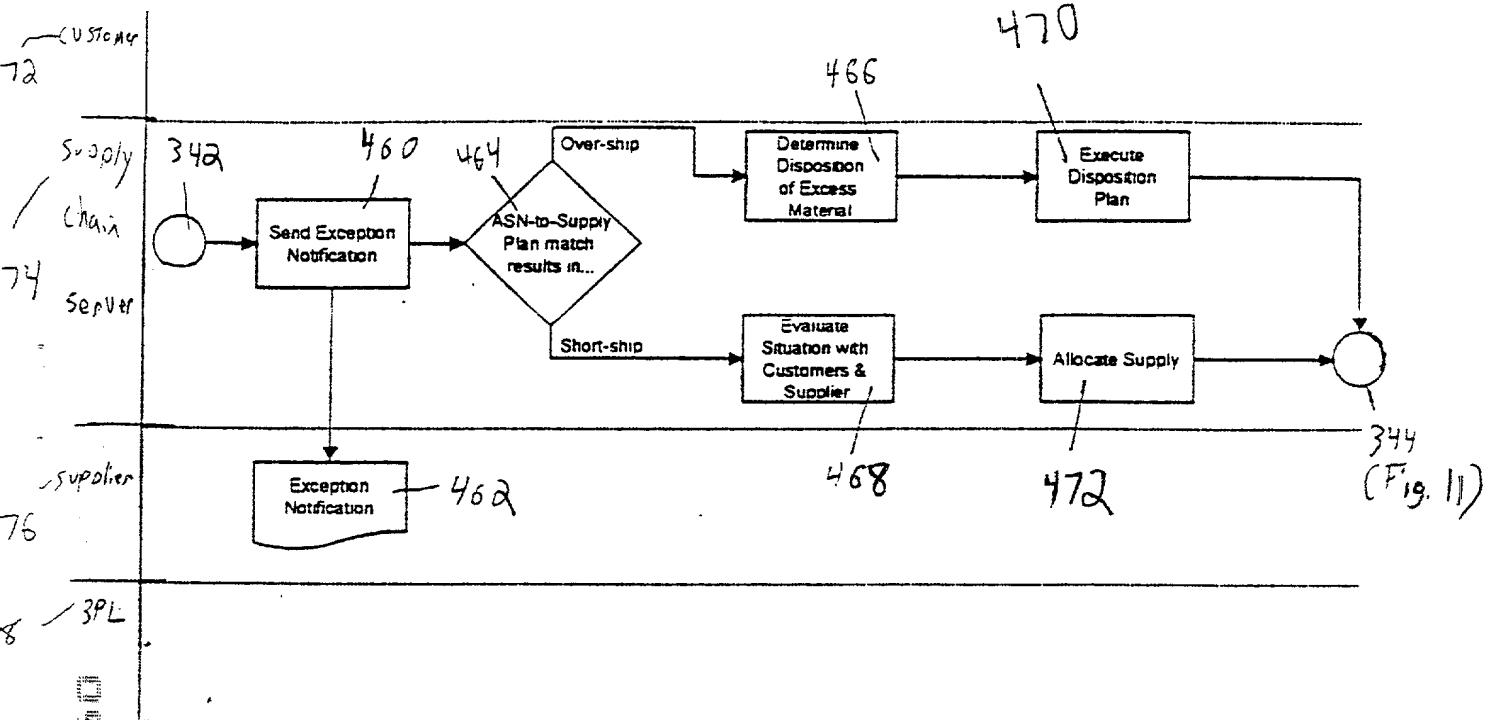


Fig. 10 B

## Procurement: Process Flow

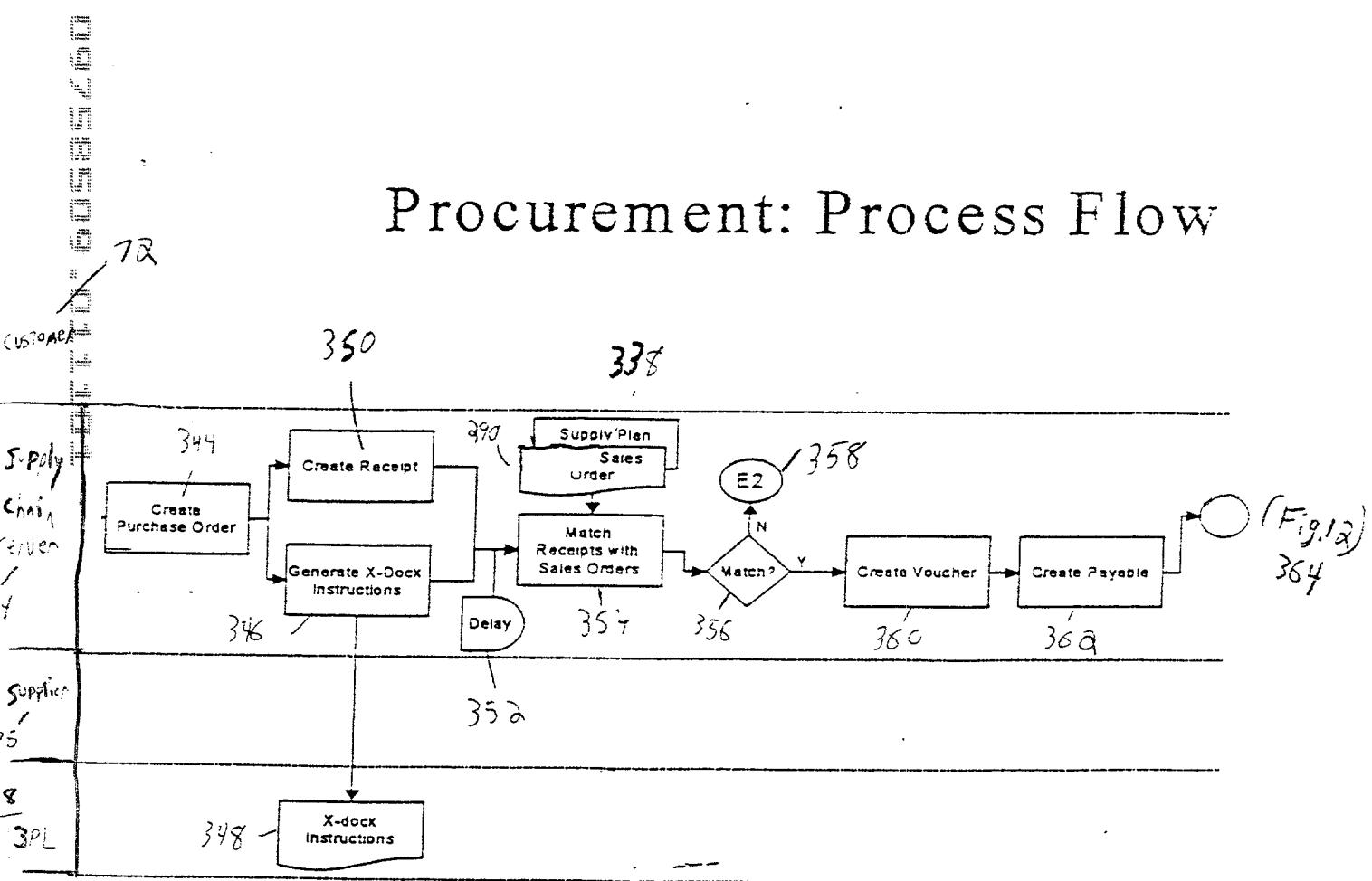


Fig 11

## Procurement: Process Flow

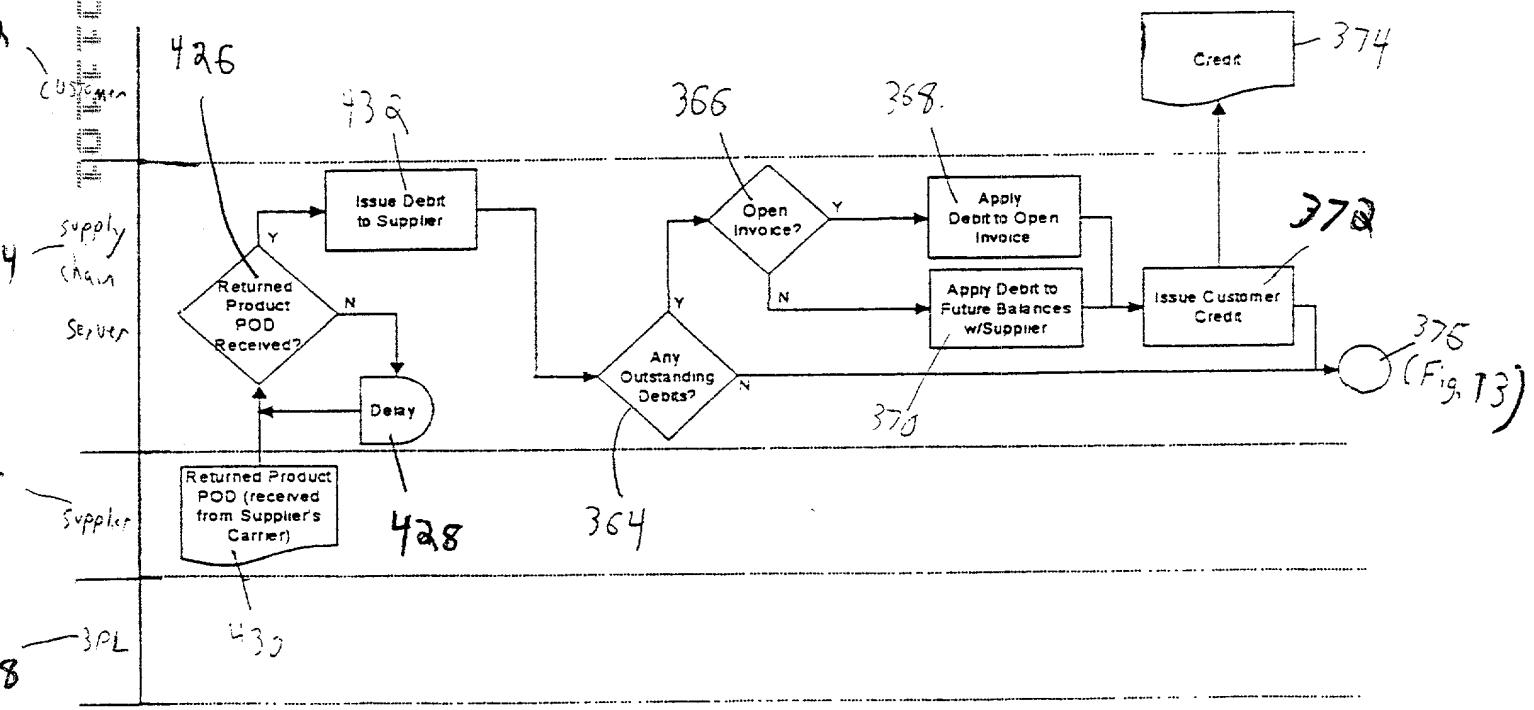


Fig. 12

## Procurement: Process Flow

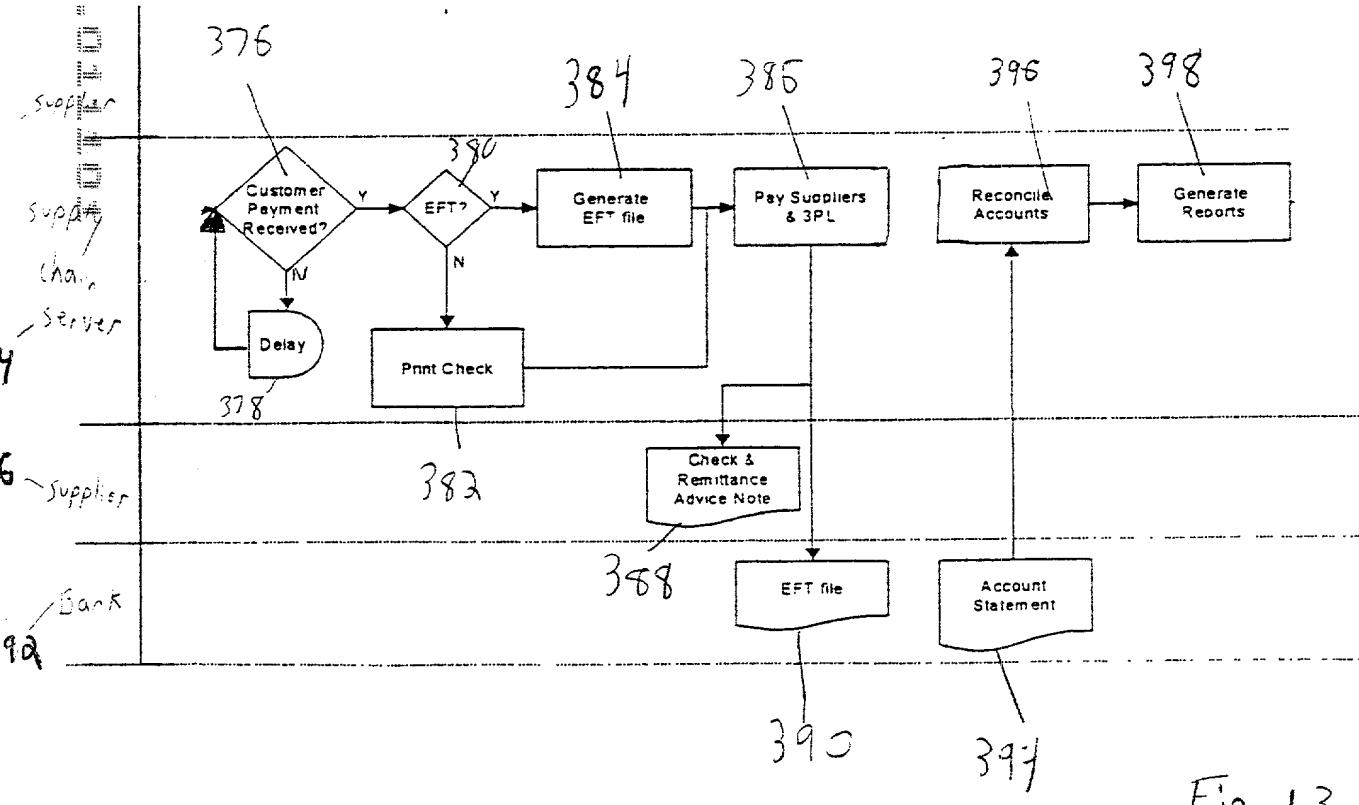


Fig. 13

## Procurement: Process Flow

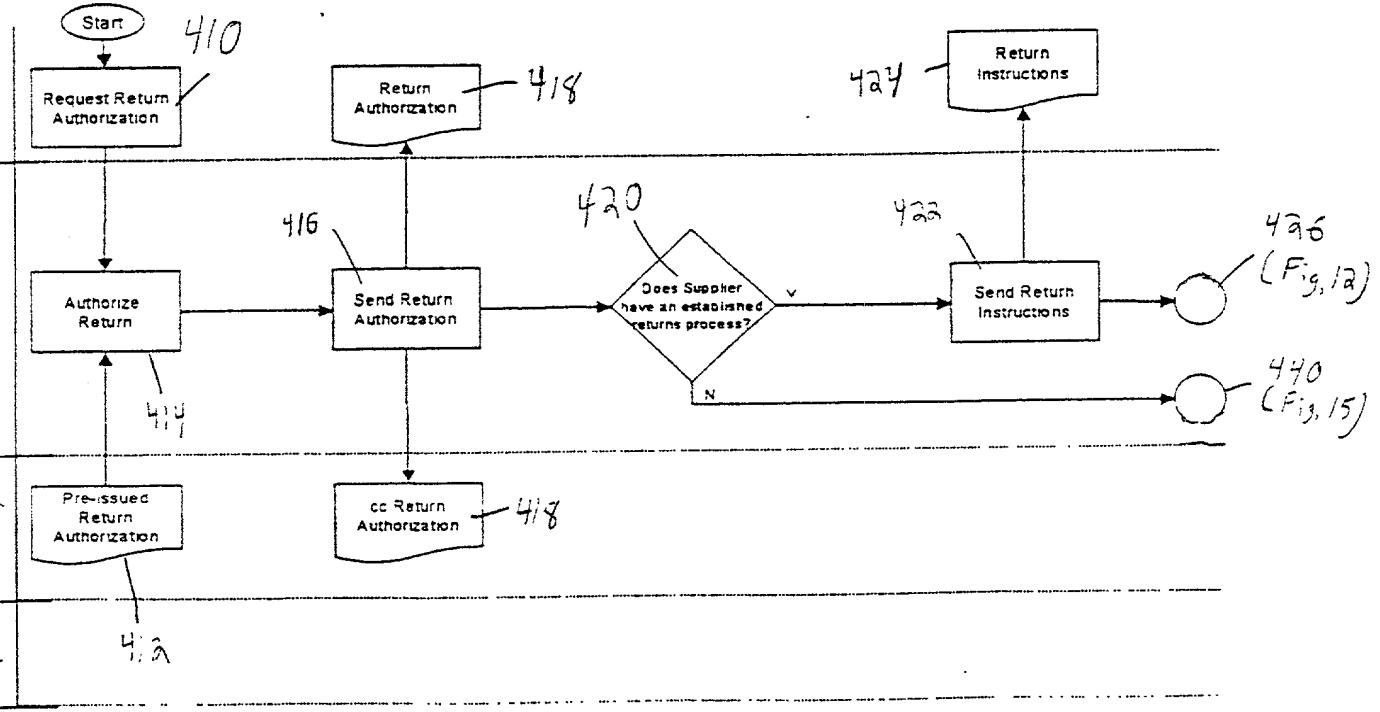


Fig. 14

# Procurement: Process Flow

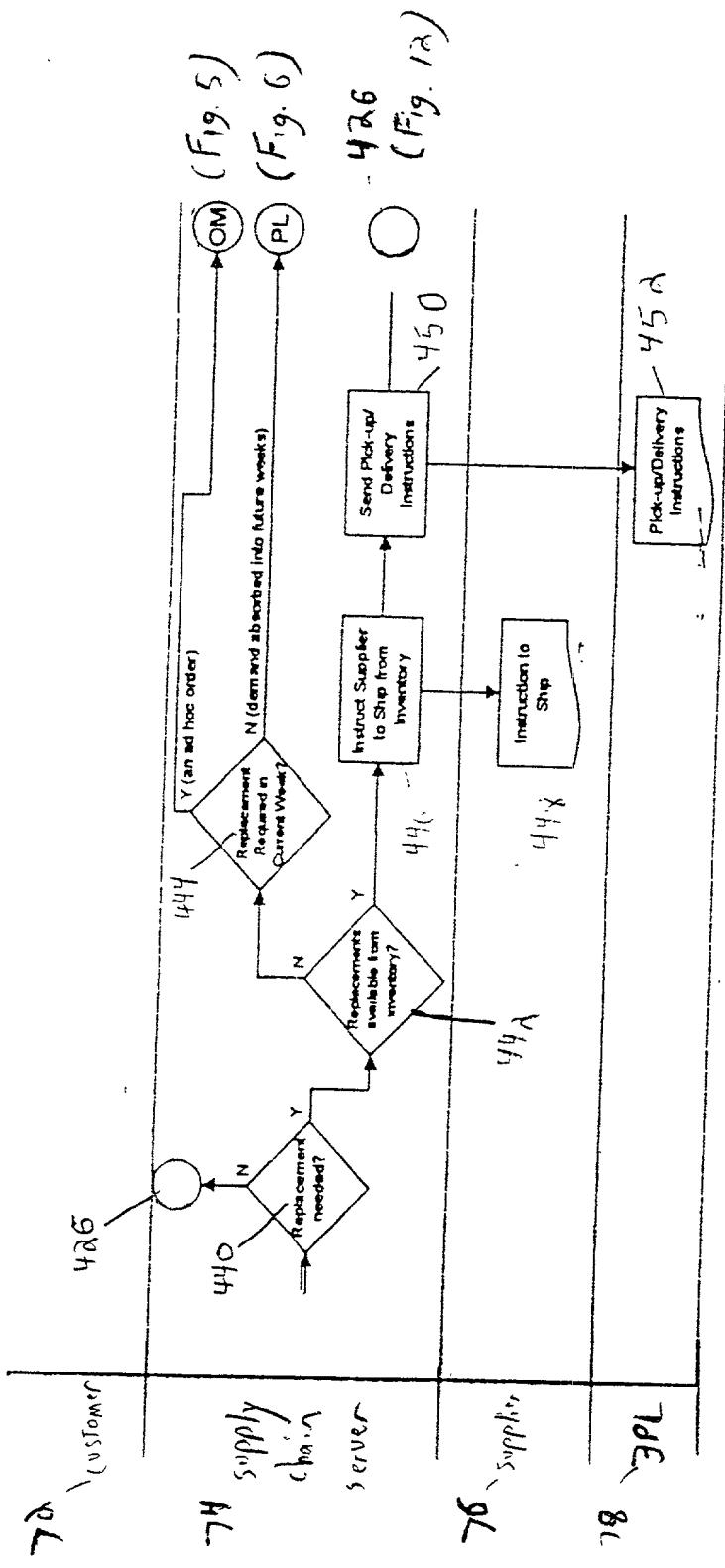
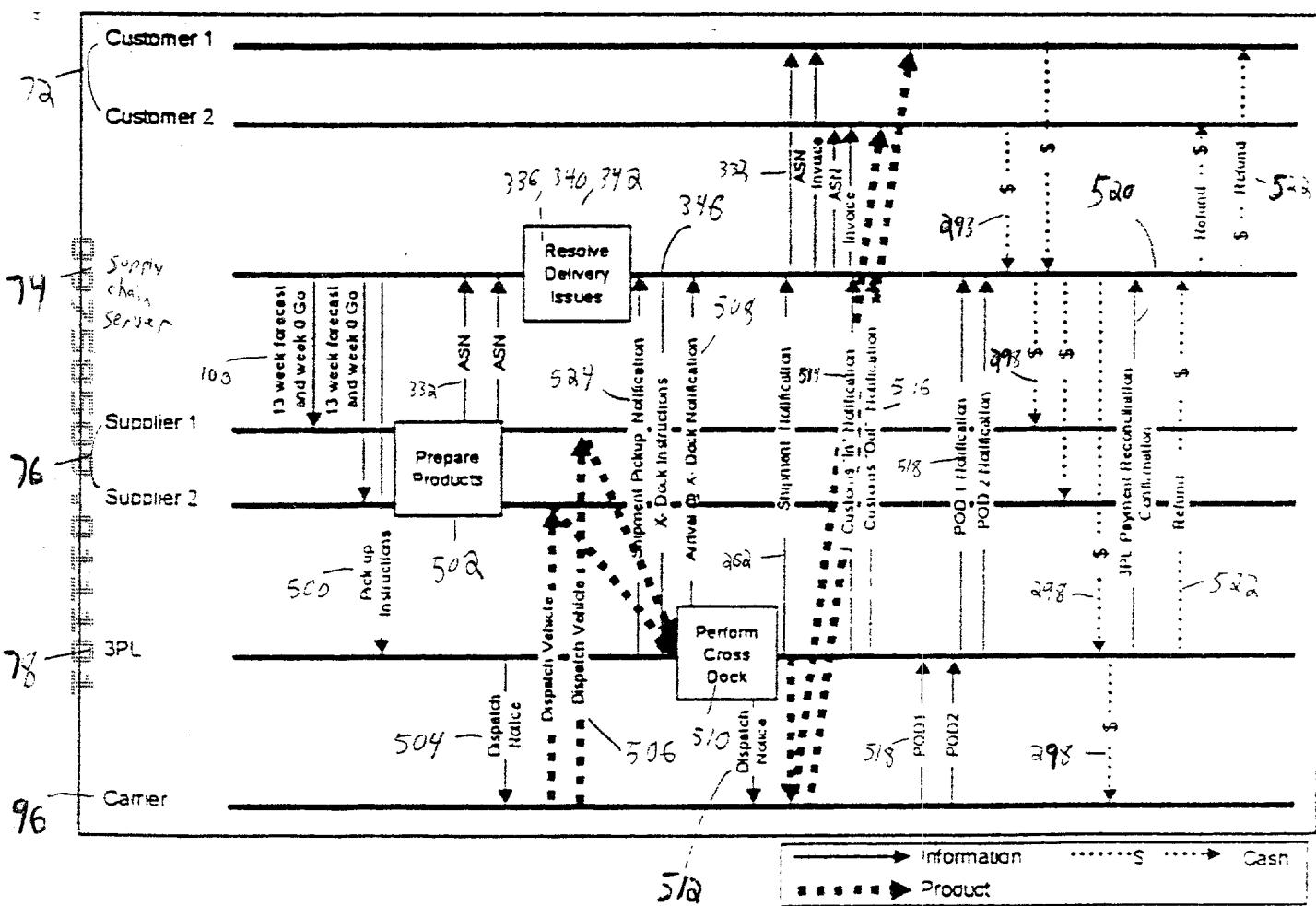


Fig. 15

# Time-Phased Fulfillment Flow



F<sub>1</sub> G<sub>1</sub> / 5

## Billing and Payment : Process Flow

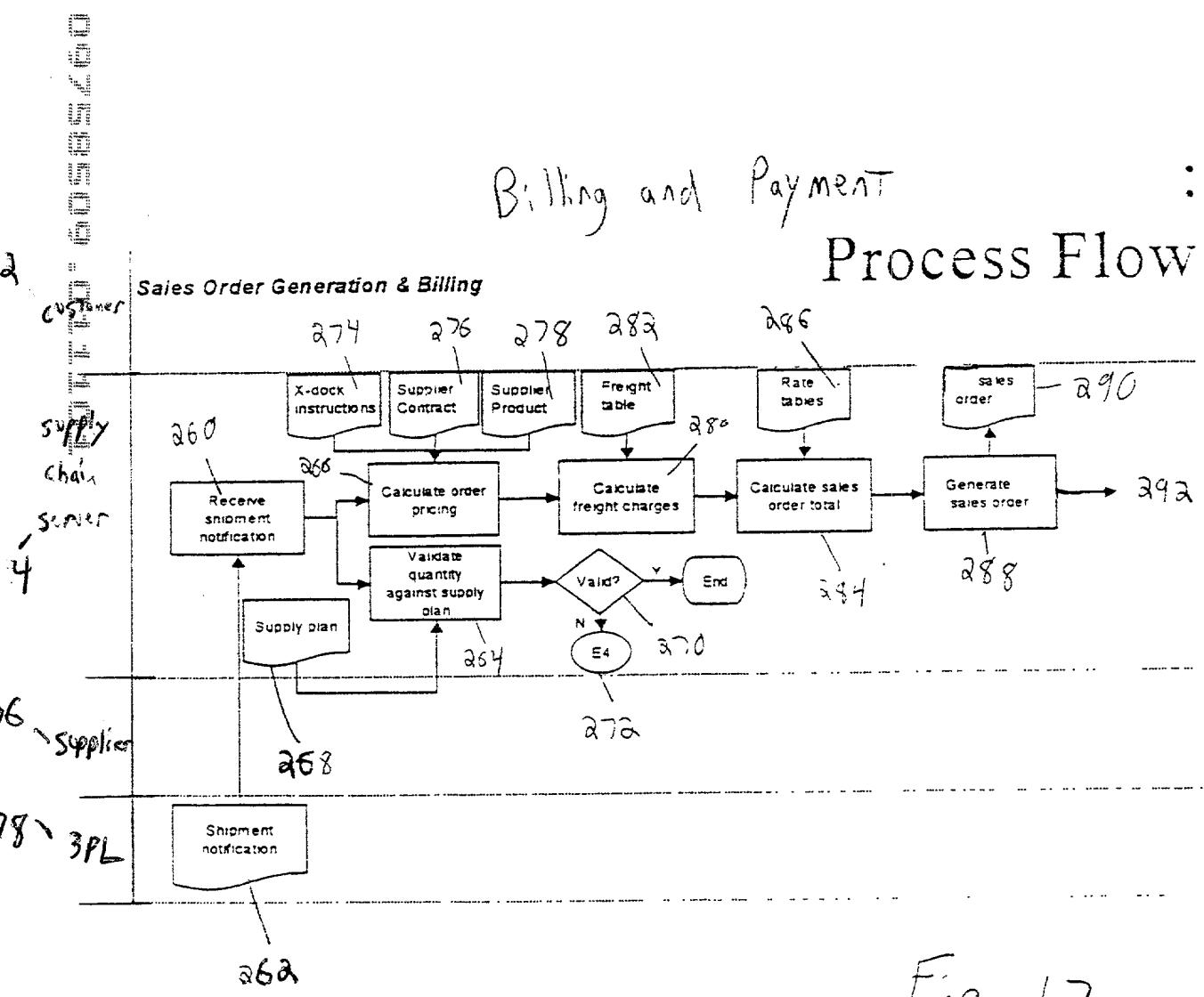


Fig. 17

## Billing and Payment

### Process Flow

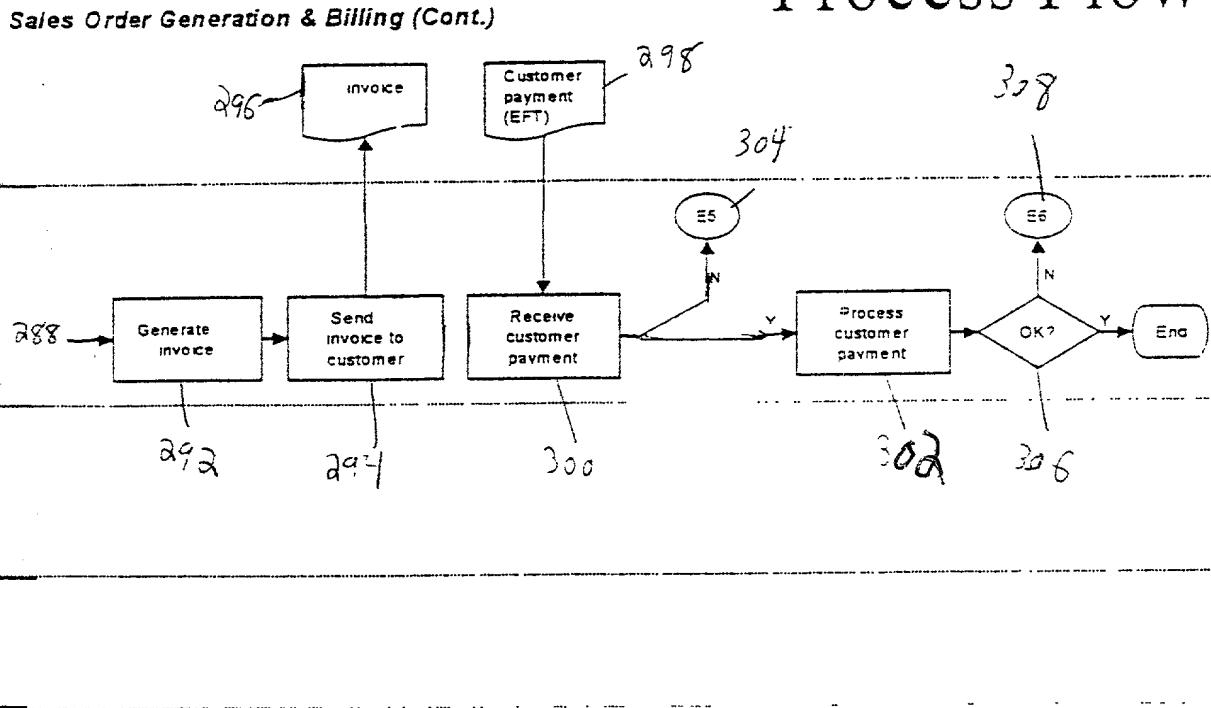


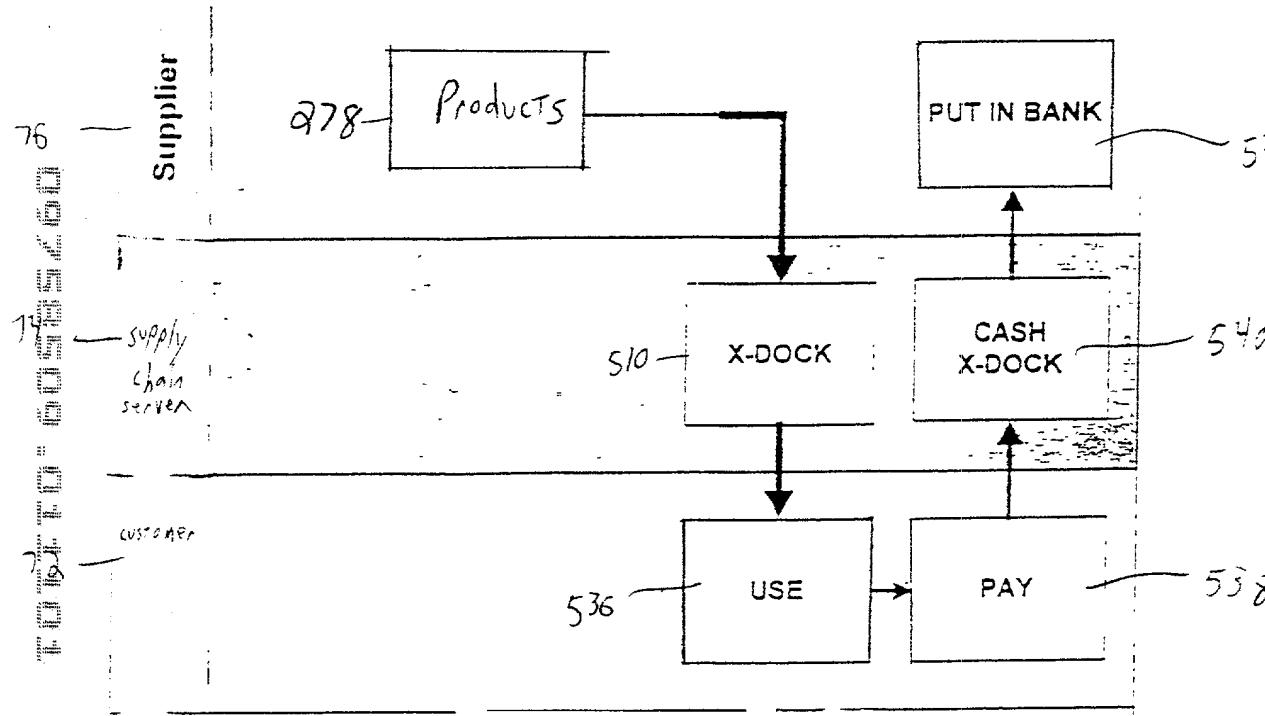
Fig. 18

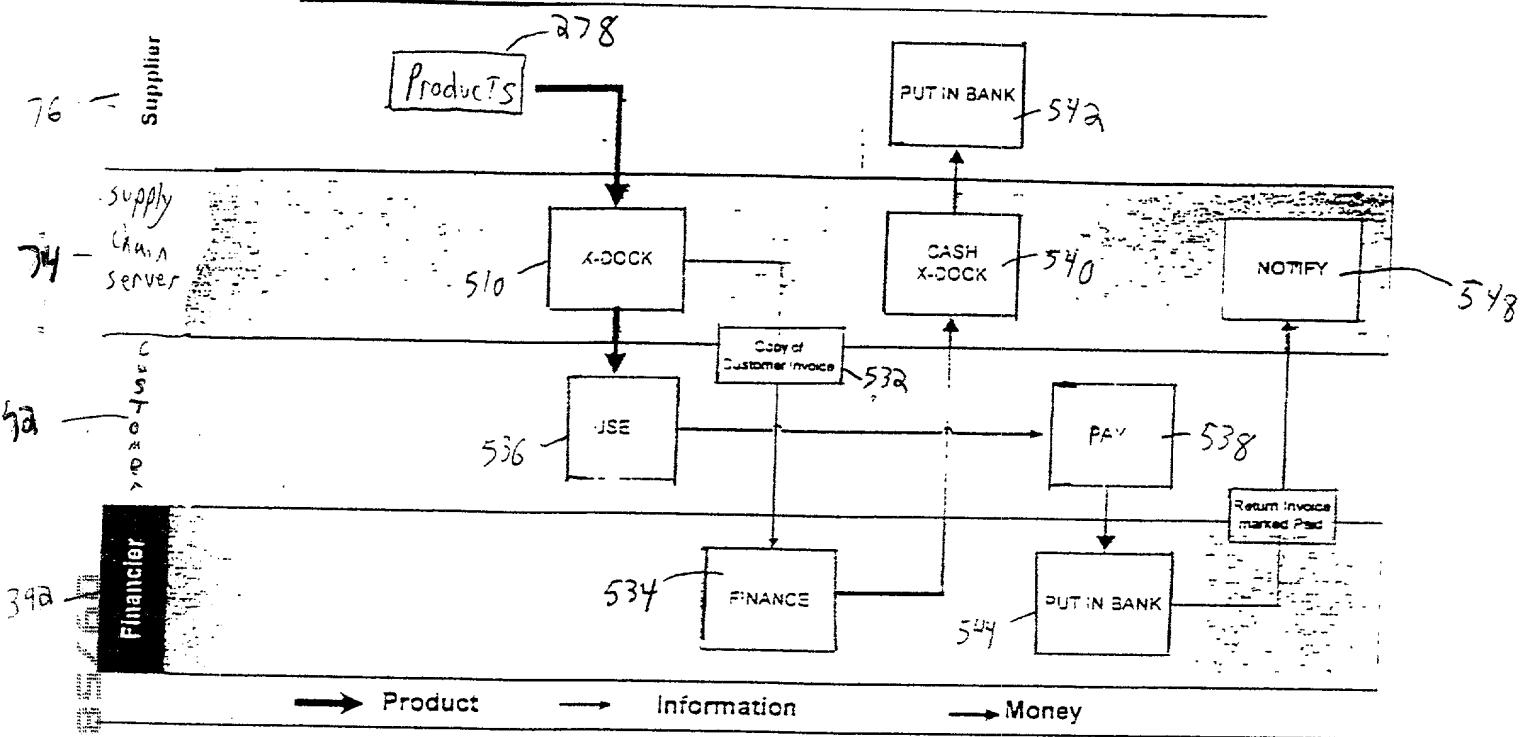
# Time-Phased Information Delivery

	<i>- Real-time -</i>	<i>- Daily -</i>	<i>- Weekly -</i>	<i>- Monthly -</i>
Operational	<ul style="list-style-type: none"> <li>• Order Status</li> <li>• [Eventually] Customer Info Updates</li> <li>• Abort Code</li> <li>• Email to Account Team</li> <li>• Shipment Tracking (link to 3PL site)</li> <li>• Alerts/Messages</li> </ul>	<ul style="list-style-type: none"> <li>• Customer Open Orders</li> <li>• Customer Part #'s Purchased week-to-date</li> <li>• \$'s spent Week-to-date</li> <li>• Allocation Watch</li> <li>• Part #&gt;specific quantities purchased</li> <li>• Week-to-date</li> <li>• Commodity-specific quantities purchased week-to-date</li> <li>• Top-off parts ATP*</li> </ul>	<ul style="list-style-type: none"> <li>• Customer Part #'s Purchased month-to-date</li> <li>• Customer \$'s spent Month-to-date</li> <li>• Customer Order Quantities</li> <li>• What's New</li> <li>• Market Info</li> <li>• Customer Forecast Log</li> <li>• Account Balances</li> <li>• Part #&gt;specific quantities purchased month-to-date</li> <li>• Commodity-specific quantities purchased month-to-date</li> </ul>	<ul style="list-style-type: none"> <li>• Current Services (i.e., services customer has subscribed to)</li> <li>• Customer Part #'s Purchased Year-to-date</li> <li>• Historical Statistics (Order Log, Forecast Log, issues Resolved prior to current month)</li> <li>• Customer \$'s spent Week-to-date</li> <li>• Parts supplied by Supplier</li> <li>• Basic Data Service Reports</li> <li>• Part #&gt;specific quantities purchased year-to-date</li> <li>• Commodity-specific quantities purchased year-to-date</li> <li>• Feedforward Reports</li> <li>• Premium Data Service Reports*</li> <li>• Bullseye Reports</li> </ul>
Analysis		<ul style="list-style-type: none"> <li>• Custom reports*</li> </ul>	<ul style="list-style-type: none"> <li>• Custom reports*</li> </ul>	<ul style="list-style-type: none"> <li>• Supplier performance statistics</li> <li>• Supplier performance statistics Change</li> <li>• Actual forecast accuracy/wuptake %</li> <li>• 3PL performance statistics</li> <li>• Market Data Trends*</li> <li>• Custom Reports Analysis*</li> </ul>

Fig. 19

Fig. 20





F.g. 21

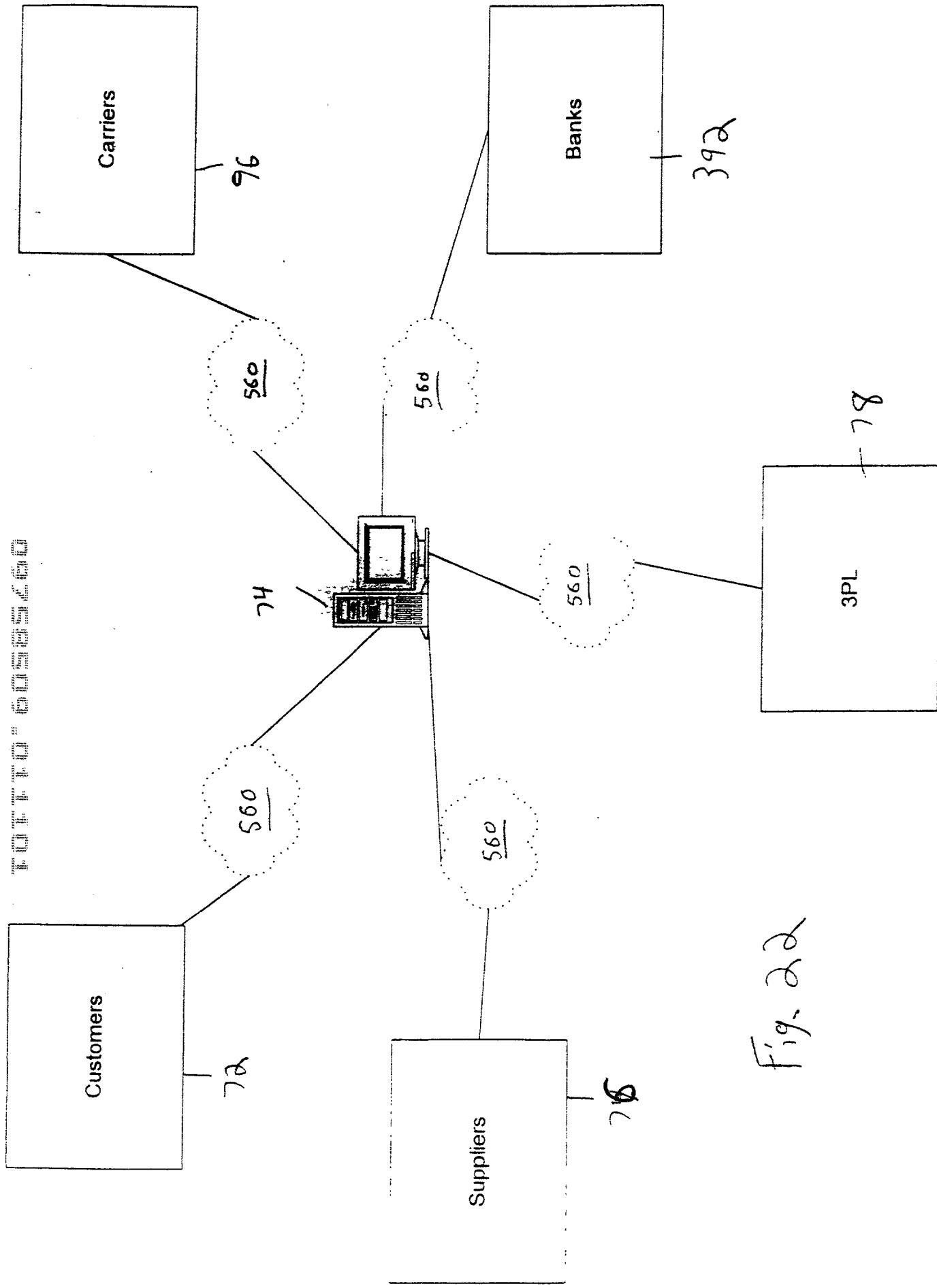


Fig. 22

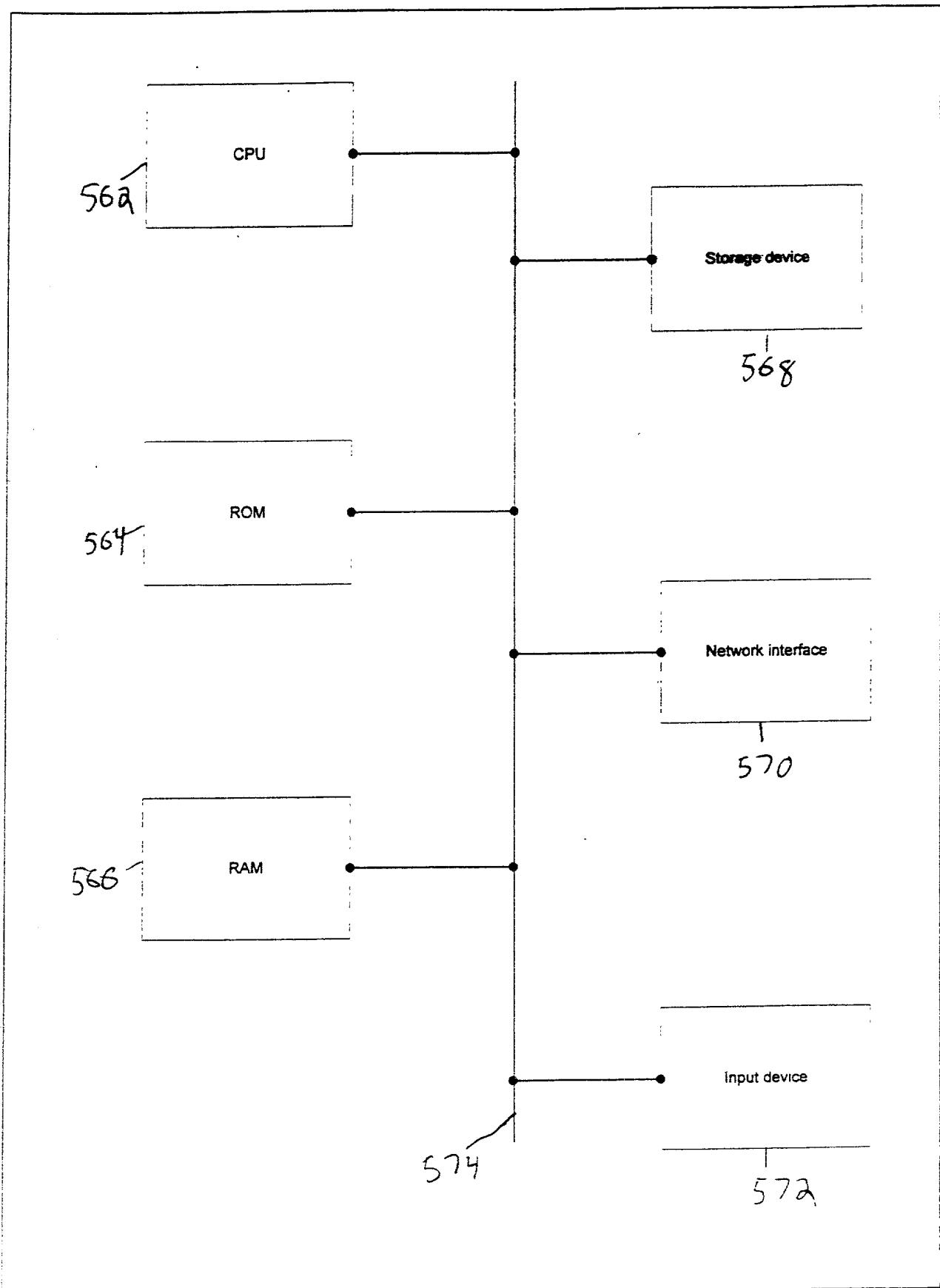


Fig. 23

74

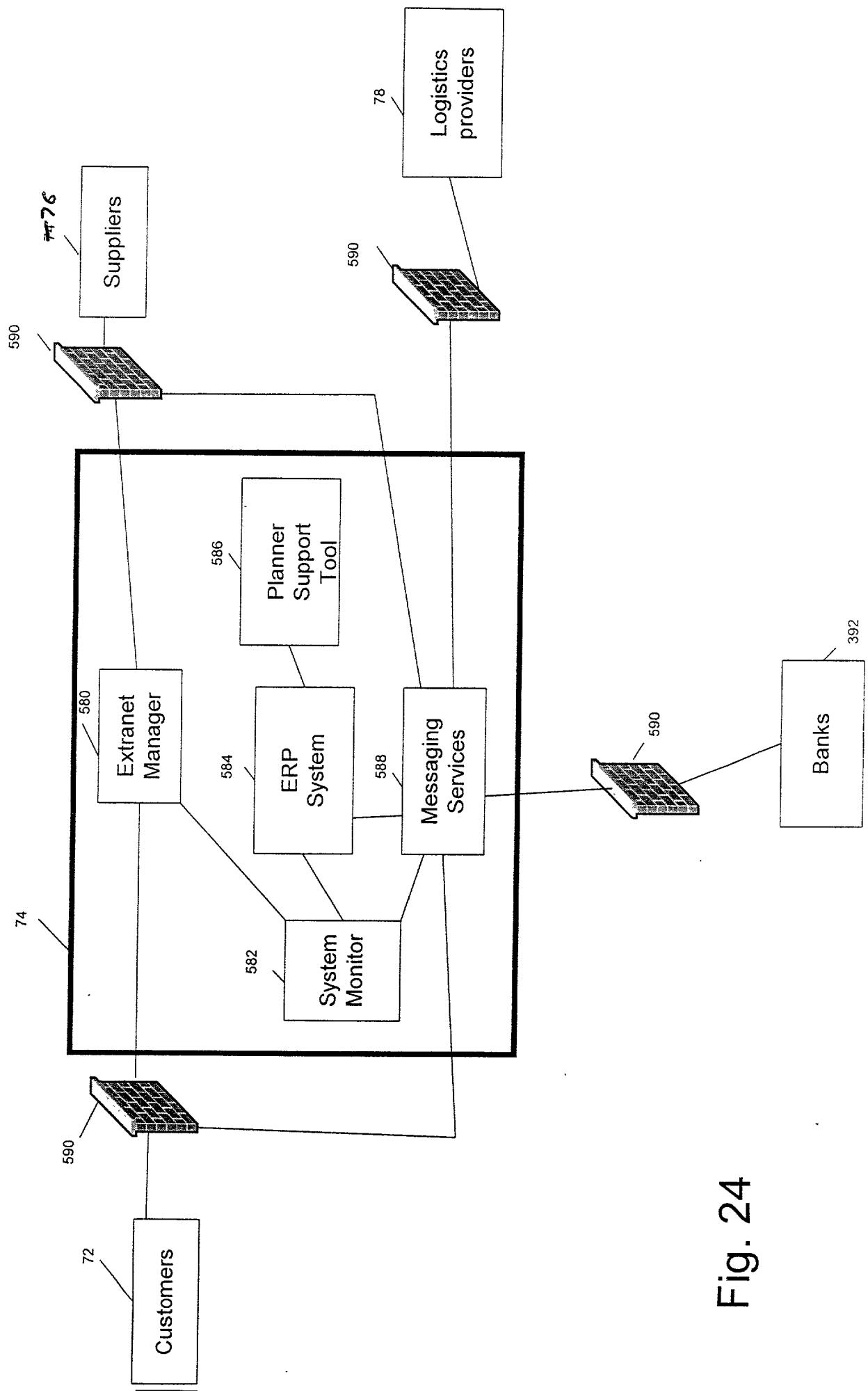


Fig. 24